

IN THE TITLE:

Please delete the current title and substitute the following therefore: --

STATUS NOTIFICATION OF MONITORED DEVICES THROUGH ELECTRONIC
MAIL--.

IN THE CLAIMS:

Please cancel Claims 6, 21, 32, 44 and 45 without prejudice or disclaimer of subject matter, add new Claims 46 and 47 and amend the claims as shown below. The claims, as pending in the subject application, read as follows:

1. (Currently Amended) A data transfer processing apparatus which controls [[a]] data transfer in a device, comprising:
 - a status obtaining means for obtaining unit adapted to obtain status information about a status of said device;
 - a message obtaining means for obtaining unit adapted to obtain a message according to the status information obtained by said status obtaining means unit;
 - a transmission data generation means for generating unit adapted to generate transmission data according to the message obtained by said obtaining unit and destination information indicating a message destination;
 - an electronic mail transmission means for transmitting unit adapted to transmit as electronic mail the transmission data generated by said transmission data generation means unit;
 - a data generation means for generating unit adapted to generate data that indicates a setting screen to be displayed on an external apparatus, the setting screen being for setting said destination information; and
 - a data transmission means for transmitting unit adapted to transmit the data generated by said data generation means unit to the external apparatus via a network; and
 - a destination information reception unit adapted to receive the destination information set with the setting screen from the external apparatus via the network.

2. (Currently Amended) The data transfer processing apparatus according to claim 1, further comprising a destination information storage ~~means for storing~~ ~~information indicating a destination of electronic mail and information to be added to the electronic mail as~~ unit adapted to store said destination information received by said destination information reception unit.

3. (Currently Amended) The data transfer processing apparatus according to claim 1, wherein said electronic mail transmission ~~means~~ unit transmits the electronic mail to a client apparatus through a mail server apparatus ~~connected to a communications medium~~.

4. (Currently Amended) The data transfer processing apparatus according to claim 1, wherein:

said data transfer processing apparatus is a network board connected to a printer; and

said message obtaining ~~means~~ unit obtains the message from the printer.

5. (Currently Amended) A data transfer processing apparatus which controls [[a]] data transfer in a device, comprising:

an information holding ~~means for holding~~ unit adapted to hold setting information set for transmission of an electronic mail containing a message ~~in a natural language~~ depending on a status ~~information about~~ of the device;

a data generation ~~means for generating~~ unit adapted to generate data indicating a setting screen ~~of said setting information to be~~ displayed on an external

apparatus, the setting screen being for setting the setting information; and

a data transmission ~~means for transmitting~~ unit adapted to transmit the data
generated by said data generation ~~means~~ unit to the external apparatus via a network; and

a setting information reception unit adapted to receive the setting
information set with the setting screen from the external apparatus via the network.

6. (Canceled)

7. (Currently Amended) The data transfer processing apparatus according to claim 5, wherein said setting information includes information indicating a condition of transmitting said electronic mail.

8. (Currently Amended) The data transfer processing apparatus according to claim 5, wherein said setting information includes information indicating a reply destination of said electronic mail.

9. (Currently Amended) The data transfer processing apparatus according to claim 5, wherein said setting screen ~~sets~~ is for setting a pairing of a reply address of said electronic mail and a condition of transmitting said electronic mail.

10. (Currently Amended) The data transfer processing apparatus according to claim 5, wherein said message relates to a supplement of expendables used in the device, an exchange of expendables used in the device, or a process status of the device.

11. (Currently Amended) The data transfer processing apparatus according to claim 5, wherein said data transfer processing apparatus is a network board connected to a printer.

12. (Currently Amended) A data transfer processing apparatus which controls [[a]] data transfer in a device, comprising:

a status obtaining means for obtaining unit adapted to obtain status information about a status of said device;

a message obtaining means for obtaining unit adapted to obtain a message according to the status information obtained by said status obtaining means unit;

a storage means for storing unit adapted to store destination information indicating a destination of an electronic mail;

a registration unit adapted to register reply destination information indicating a reply destination of the electronic mail different from a source of the electronic mail;

a transmission data generation means for generating unit adapted to generate transmission data according to the message obtained by said message obtaining unit and the destination information, and adding reply destination information indicating a reply destination of the electronic mail to the generated transmission data, the generated transmission data including the destination information and the reply destination information; and

an electronic mail transmission means for transmitting unit adapted to transmit as electronic mail the transmission data generated by said transmission data generation means unit.

13. (Currently Amended) The data transfer processing apparatus according to

claim 12, further comprising:

a data generation means for generating unit adapted to generate data that indicates a setting screen to be displayed on an external apparatus, the setting screen being for setting the destination information and the reply destination information; and

a data transmission means for transmitting unit adapted to transmit the data generated by said data generation means unit to the external apparatus via a network; and

a reception unit adapted to receive the destination information and the reply destination information set with the setting screen from the external apparatus via the network,

wherein said registration unit registers the reply destination information received by said reception unit.

14. (Currently Amended) The data transfer processing apparatus according to claim 12, wherein said storage means unit stores ~~a reply address of electronic mail~~ the reply destination information registered by said registration unit.

15. (Currently Amended) The data transfer processing apparatus according to claim 12, wherein said data transfer processing apparatus is a network board connected to a printer.

16. (Currently Amended) A device capable of communicating with an external apparatus, comprising:

a status obtaining means for obtaining unit adapted to obtain status information about a status of said device;

a message obtaining means for obtaining unit adapted to obtain a message

according to the status information obtained by said status obtaining ~~means~~ unit;

~~a transmission data generation means for generating~~ unit adapted to generate
transmission data according to the message obtained by said message obtaining unit and
destination information indicating ~~a message and~~ a message destination;

~~an electronic mail transmission means for transmitting~~ unit adapted to transmit
as electronic mail the transmission data generated by said transmission data generation ~~means~~
unit;

~~a data generation means for generating~~ unit adapted to generate data which is
~~displayed on the external apparatus and~~ indicates a setting screen to be displayed on the external
apparatus, the setting screen being for setting the destination information; ~~and~~

~~a data transmission means for transmitting~~ unit adapted to transmit the data
generated by said data generation ~~means~~ unit to the external apparatus via a network; and

a destination information reception unit adapted to receive the destination
information set with the setting screen from the external apparatus via the network.

17. (Currently Amended) The device according to claim 16, further
comprising a destination information storage ~~means for storing information indicating a~~
~~destination of electronic mail and information to be added to the electronic mail as~~ unit adapted
to store the destination information received by said destination information reception unit.

18. (Currently Amended) The device according to claim 16, wherein said
electronic mail transmission ~~means~~ unit transmits the electronic mail to a client apparatus
through a mail server apparatus ~~connected to said communications medium.~~

19. (Original) The device according to claim 16, wherein said device is a printer.

20. (Currently Amended) A ~~data transfer process apparatus in a device, which controls a data transfer in the device~~ capable of communicating with an external apparatus, comprising:

an information holding means for holding unit adapted to hold setting information set for transmission of an electronic mail containing a message ~~in a natural language~~ depending on a status information about of the device;

a data generation means for generating unit adapted to generate data indicating a setting screen ~~of the setting information to be~~ displayed on an external apparatus, the setting screen being for setting the setting information; and

a data transmission means for transmitting unit adapted to transmit the data generated by said data generation ~~means~~ unit to the external apparatus via a network; and

a setting information reception unit adapted to receive the setting information set with the setting screen from the external apparatus via the network.

21. (Canceled)

22. (Original) The device according to claim 20, wherein said setting information includes information indicating a condition of transmitting the electronic mail.

23. (Original) The device according to claim 20, wherein said setting information includes information indicating a reply destination of the electronic mail.

24. (Currently Amended) The device according to claim 20, wherein said setting screen ~~sets~~ is for setting a pairing of a reply address of the electronic mail and a condition of transmitting the electronic mail.

25. (Original) The device according to claim 20, wherein said message relates to a supplement of expendables used in said device, an exchange of expendables used in said device, or a process status of said device.

26. (Original) The device according to claim 20, wherein said device is a printer.

27. (Currently Amended) A device capable of communicating with an external apparatus, comprising:

a status obtaining ~~means for obtaining~~ unit adapted to obtain status information about a status of said device;

a message obtaining ~~means for obtaining~~ unit adapted to obtain a message according to the status information obtained by said status obtaining ~~means~~ unit;

a storage ~~means for storing~~ unit adapted to store destination information indicating a destination of an electronic mail;

a registration unit adapted to register reply destination information indicating a
reply destination of the electronic mail different from a source of the electronic mail;

a transmission data generation ~~means for generating~~ unit adapted to generate transmission data according to the message obtained by said message obtaining unit ~~and the destination information, and adding reply destination information indicating a reply destination~~

~~of the electronic mail to the generated transmission data, the generated transmission data~~
including the destination information and the reply destination information; and

~~an electronic mail transmission means for transmitting~~ unit adapted to transmit
as electronic mail the transmission data generated by said transmission data generation ~~means~~
unit.

28. (Currently Amended) The device according to claim 27, further
comprising:

~~a data generation means for generating~~ unit adapted to generate data that
indicates a setting screen to be displayed on the external apparatus, the setting screen being for
setting the destination information and the reply destination information; ~~and~~

~~a data transmission means for transmitting~~ unit adapted to transmit the data
generated by said data generation ~~means~~ unit to the external apparatus via a network; and

a reception unit adapted to receive the destination information and the reply
destination information set with the setting screen from the external apparatus via the network,

wherein said registration unit registers the reply destination information
received by said reception unit.

29. (Currently Amended) The device according to claim 27, wherein said
storage ~~means~~ unit stores ~~a reply address of electronic mail~~ the reply destination information
registered by said registration unit.

30. (Original) The device according to claim 27, wherein said device is a
printer.

31. (Currently Amended) A status notifying method for notification of a status information about of a device by electronic mail, comprising:

an information holding step[[s]] of holding setting information set for transmission of an electronic mail containing a message ~~in a natural language~~ depending on a status information about of the device;

a data generating step of generating data indicating a setting screen ~~of the setting information to be displayed on an external apparatus, the setting screen being for setting the setting information; and~~

a transmitting step of transmitting the data generated by said data generating step to the external apparatus via a network; and

a receiving step of receiving the setting information set with the setting screen from the external apparatus via the network.

32. (Canceled)

33. (Original) The status notifying method according to claim 31, wherein said setting information includes information indicating a condition of transmitting the electronic mail.

34. (Original) The status notifying method according to claim 31, wherein said setting information includes information indicating a reply destination of the electronic mail.

35. (Currently Amended) The status notifying method according to claim 31, wherein

said setting screen ~~sets~~ is for setting a pairing of a reply address of the electronic mail and a condition of transmitting the electronic mail.

36. (Original) The status notifying method according to claim 31, wherein said message relates to a supplement of expendables used in the device, an exchange of expendables used in the device, or a process status of the device.

37. (Original) The status notifying method according to claim 31, wherein said device is a printer.

38. (Currently Amended) A status notifying method for notification of a status ~~information about~~ of a device by electronic mail, comprising:

a ~~state~~ status obtaining step of obtaining status information about a status of the device;

a message obtaining step of obtaining a message according to the status information obtained in said ~~state~~ status obtaining step;

~~a storing step of storing destination information indicating a destination of electronic mail;~~

a registration step of registering destination information indicating a destination of electronic mail and reply destination information indicating a reply destination of the electronic mail different from a source of the electronic mail;

a transmission data generating step of generating transmission data according to the message obtained in said message obtaining step and the destination information, and ~~adding reply destination information indicating a reply destination of the electronic mail to the~~

~~generated transmission data, the generated transmission data including the destination information and the reply destination information;~~ and

an electronic mail transmitting step of transmitting as electronic mail the transmission data generated in said transmission data generating step.

39. (Currently Amended) The status notifying method according to claim 38, further comprising:

a data generating step of generating data which ~~[[is]]~~ indicates a setting screen ~~to be displayed on an external apparatus, and indicates a~~ the setting screen being for setting the destination information and the reply destination information; ~~and~~

a data transmitting step of transmitting the data generated in said data generating step to the external apparatus via a network; ~~and~~

a receiving step of receiving the destination information and the reply destination information set with the setting screen from the external apparatus via the network,

wherein the destination information and the reply destination information received in said receiving step are registered in said registration step.

40. (Currently Amended) The status notifying method according to claim 38 ~~wherein, further comprising a storing step of storing a reply address of electronic mail is stored in said storing step.~~

41. (Currently Amended) The status notifying method, according to claim 38 wherein said device is a printer.

42. (Currently Amended) A computer-readable storage medium storing a computer-readable program used for notification of a status information of a device by electronic mail, said program ~~directing a computer to perform~~ comprising:

an information holding step[[s]] of holding setting information set for transmission of electronic mail containing a message ~~in a natural language~~ depending on a status information about of the device;

a data generating step of generating data indicating a setting screen ~~of the setting information to be~~ displayed on an external apparatus, the setting screen being for setting the setting information; and

a data transmitting step of transmitting the data generated in said data generating step to the external apparatus via a network; and

a receiving step of receiving the setting information set with the setting screen from the external apparatus via the network.

43. (Currently Amended) A computer-readable storage medium storing a computer-readable program used for notification of a status information of a device by electronic mail, said program ~~directing a computer to perform~~ comprising:

a state status information obtaining step of obtaining status information about a status of the device;

a message obtaining step of obtaining a message according to the status information obtained in said state status obtaining step;

~~a storing step of storing destination information indicating a destination of an electronic mail;~~

a registration step of registering destination information indicating a destination of electronic mail and reply destination information indicating a reply destination of the electronic mail different from a source of the electronic mail;

a transmission data generating step of generating transmission data according to the message obtained in said message obtaining step and the destination information, and adding reply destination information indicating a reply destination of the electronic mail to the generated transmission data, the generated transmission data including the destination information and the reply destination information; and

an electronic mail transmitting step of transmitting as electronic mail the transmission data generated in said transmission data generating step.

44. and 45. (Canceled)

46. (New) A status notifying method for notification of a status of a device by electronic mail, comprising:

a status obtaining step of obtaining status information about a status of said device;

a message obtaining step of obtaining a message according to the status information obtained by said status obtaining step;

a transmission data generation step of generating transmission data according to the message obtained by said obtaining step and destination information indicating a message destination;

an electronic mail transmission step of transmitting as electronic mail the transmission data generated by said transmission data generation step;

a data generation step of generating data that indicates a setting screen to be displayed on an external apparatus, the setting screen being for setting said destination information;

a data transmission step of transmitting the data generated by said data generation step to the external apparatus via a network; and

a destination information reception step of receiving the destination information set with the setting screen from the external apparatus via the network.

47. (New) A computer-readable storage medium storing a program used for notification of a status of a device by electronic mail, said program comprising:

a status obtaining step of obtaining status information about a status of said device;

a message obtaining step of obtaining a message according to the status information obtained by said status obtaining step;

a transmission data generation step of generating transmission data according to the message obtained by said obtaining step and destination information indicating a message destination;

an electronic mail transmission step of transmitting as electronic mail the transmission data generated by said transmission data generation step;

a data generation step of generating data that indicates a setting screen to be displayed on an external apparatus, the setting screen being for setting said destination information;

a data transmission step of transmitting the data generated by said data generation step to the external apparatus via a network; and

a destination information reception step of receiving the destination information set with the setting screen from the external apparatus via the network.